Costliest U.S. Tropical Cyclones

NOAA's National Centers for Environmental Information (NCEI) in consultation with the National Hurricane Center (NHC) has updated this listing of costliest tropical cyclones to strike the United States. This listing was previously found in the NOAA memorandum The Deadliest, Costliest and Most Intense U.S. Tropical Cyclones, at https://www.nhc.noaa.gov/pdf/nws-nhc-6.pdf

For all United States hurricanes, Hurricane Katrina (2005, \$180.0B*) is the costliest storm on record. Hurricane Harvey (2017, \$143.8B*) ranks second, Hurricane Maria (2017, \$103.5B*) ranks third, Hurricane Sandy (2012, \$80.0B*) ranks fourth, and Hurricane Ida (2021, \$76.5B*) ranks fifth.

The NCEI data set provides more loss information than previous damage figures used by NHC, including agriculture, individual payouts, and disaster money from the federal government to the respective states. In performing these disaster cost assessments, NCEI examined statistics from a wide variety of sources. Using the latest scientific methodology, it determined the estimated total costs of these events - that is, the costs in terms of dollars that would not have been incurred had the event not taken place. Insured and uninsured losses are included in damage estimates. Sources include the National Weather Service, the Federal Emergency Management Agency, U.S. Department of Agriculture, U.S. Army Corps of Engineers, individual state emergency management agencies, state and regional climate centers, media reports, and insurance industry estimates.

For more information visit https://www.ncei.noaa.gov/access/billions/

*values based on the 2022 Consumer Price Index adjusted cost





Costliest tropical cyclones to impact the United States (cost values are based on the 2022 Consumer Price Index adjusted cost)

Long Island Express	Tropical Cyclone	Year	Category	Adjusted Costs
Great Atlantic Hurricane Carol 1954 3 \$4.98 Diane 1955 1 \$8.88 Donna 1960 4 \$3.78 Betsy 1965 3 \$12.88 Camille 1969 5 \$1.108 Celia 1970 3 \$6.88 Agnes 1972 1 \$14.38 Frederick 1979 3 \$6.78 Alicia 1983 3 \$3.48 Juan 1985 3 \$3.48 Juan 1985 3 \$3.48 Juan 1985 1 \$3.38 Juan 1985 2 \$3.18 Andrew 1992 5 \$5.38 Iniki 1992 4 \$6.28 Juairi 1995 3 \$3.78 Fran 1996 3 \$9.08 Georges 1998 2 \$11.08 Franc 2001 TS \$13.58 Isabel 2003 2 \$8.48 Icharley 2004 4 \$24.08 Frances 2004 3 \$3.58 Isabel 2003 2 \$8.48 Ivan 2004 3 \$3.58 Ivan 2005 3 \$3.58 Ivan 2005 3 \$3.58 Ivan 2006 3 \$3.58 Ivan 2007 3 \$3.58 Ivan 2008 2 \$3.78 Ivan 2008 2 \$3.08 Ivan 2009 2 \$3.78 Ivan 2009 2 \$3.78 Ivan 2009 2 \$3.78 Ivan 2009 3 \$2.70 Ivan 2009 3 \$2.70 Ivan 2009 3 \$2.70 Ivan 2009 3 \$2.70 Ivan 2009 3 \$3.38 Ivan 2009 3 \$3.58 Ivan 2009 3 \$3	Long Island Express	1938	3	\$6.2B
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Tropical Cyclone	Year	Category	Adjusted Costs
Sally	2020	2	\$7.9B
Delta	2020	2	\$3.1B
Zeta	2020	2	\$4.7B
Ida	2021	4	\$76.5B

Last Updated: April 8, 2022





Tropical cyclones impacting the United States that resulted in at least \$1 billion of damage costs at the time they occurred

Tr	opical Cyclone	Year	Category	Unadjusted Costs
Betsy		1965	3	\$1.4B
Camille		1969	5	\$1.4B
Agnes		1972	1	\$2.1B
Frederick		1979	3	\$1.7B
Alicia		1983	3	\$3.0B
Elena		1985	3	\$1.3B
Juan		1985	1	\$1.5B
Hugo		1989	4	\$9.0B
Bob		1991	2	\$1.5B
Andrew		1992	5	\$27.0B
Iniki		1992	4	\$3.1B
Alberto		1994	TS	\$1.0B
Marilyn		1995	2	\$2.1B
Opal		1995	3	\$4.7B
Fran		1996	3	\$5.0B
Bonnie		1998	3	\$1.0B
Georges		1998	2	\$6.0B
Floyd		1999	2	\$6.5B
Allison		2001	TS	\$8.5B
Lili		2002	1	\$1.1B
Isidore		2002	TS	\$1.2B
Isabel		2003	2	\$5.5B
Charley		2004	4	\$16.0B
Frances		2004	2	\$9.8B
Ivan		2004	3	\$20.5B
Jeanne		2004	3	\$7.5B
Dennis		2005	3	\$2.5B
Katrina		2005	3	\$125.0B
Rita		2005	3	\$18.5B
Wilma		2005	3	\$19.0B
Dolly		2008	2	\$1.3B
Gustav		2008	2	\$6.0B
lke		2008	2	\$30.0B
Irene		2011	1	\$13.5B
Lee		2011	TS	\$2.5B
Isaac		2012	1	\$2.8B
Sandy		2012	1	\$65.0B
Matthew		2016	1	\$10.0B
Harvey		2017	4	\$125.0B
Irma		2017	4	\$50.0B
Maria		2017	4	\$90.0B
Florence		2018	1	\$24.0B
Michael		2018	5	\$25.0B
Dorian		2019	1	\$1.6B
Imelda		2019	TS	\$5.0B
Hanna		2020	1	\$1.1B
Isaias		2020	1	\$4.8B
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Tropical Cyclone	Year	Category	Unadjusted Costs
Laura	2020	4	\$23.2B
Sally	2020	2	\$7.3B
Delta	2020	2	\$2.9B
Zeta	2020	2	\$4.4B
Eta	2020	TS	\$1.5B
Elsa	2021	TS	\$1.2B
Fred	2021	TS	\$1.3B
lda	2021	4	\$73.6B
Nicholas	2021	1	\$1.0B

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